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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				<b>Application Number</b>	10/020,894
				<b>Filing Date</b>	December 19, 2001
				<b>First Named Inventor</b>	Jeong Ki Park et al.
				<b>Art Unit</b>	2871
				<b>Examiner Name</b>	Not Yet Assigned
<b>Sheet</b>	1	<b>of</b>	1	<b>Attorney Docket Number</b>	8733.556.00

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
TS	AA	5,914,762	06-22-1999	Lee et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
TS	BA	JP-11-125836	05-11-1999	Lee Seung Hee et al.		
TS	BB	JP-09-211495	08-15-1997	Hirakata Yoshiharu et al.		

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See attached Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

<b>Examiner Signature</b>	<i>John Farn</i>	<b>Date Considered</b>	02/12/03
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

DC:112763.1

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APPLICANT

(Use Several Sheets if Necessary)

Attorney Docket No.  
8733.556.00Application No.  
TBAJ1011 U.S. PTO  
10/020894  
12/19/01

Date: December 19, 2001

Applicant  
Jeong-Ki PARK et al.Filing Date  
December 19, 2001Group  
TBA

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL*	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JB	5,598,285	1/1997	Kondo et al.	349	39	September 20, 1993
PG	5,838,037	11/1998	Masutani et al.	257	296	May 19, 1997
PG	5,946,060	8/1999	Nishiki et al.	349	48	June 3, 1997
PG	5,990,987	11/1999	Tanaka	349	43	November 17, 1998
PG	6,028,653	2/2000	Nishida	349	141	June 19, 1997
PG	6,097,454	8/2000	Zhang et al.	349	43	June 29, 1999

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	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION
				YES NO
PG	09-005764	1/1997	Japan	Abstract
PG	09-073101	3/1997	Japan	Abstract
PG	09-105908	4/1997	Japan	Abstract
PG	09-101538	4/1997	Japan	Abstract

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PG	R. Kieler et al.; "In-Plane Switching of Nematic Liquid Crystals"; Japan Display '92; pages 547-550
PG	M. Oh-e, et al.; "Principles and Characteristics of Electro-Optical Behaviour with In-Plane Switching Mode"; Asia Display '95; pages 577-580
PG	M. Ohta et al.; "Development of Super-TFT-LCDs with In-Plane Switching Display Mode"; Asia Display '95; pages 707-710
PG	S. Matsumoto et al.; "Display Characteristics of In-Plane Switching (IPS) LCDs and a Wide-Viewing-Angle 14.5-in. OPS TFT-LCD; Euro Display '96; pages 445-448
PG	H. Wakemoto et al.; "An Advanced In-Plane Switching Mode TFT-LCD"; SID 97 Digest; pages 929-932
PG	S.H. Lee et al.; "High-Transmittance, Wide-Viewing-Angle Nematic Liquid Crystal Display Controlled by Fringe-Field Switching; Asia Display '98; pages 371-374

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DATE CONSIDERED

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\*\*English-language abstract provided.